

# SEQUENCE LISTING

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<120> Isolated NY-ESO-1 Peptides Which Bind to HLA Class II Molecules  
 and Uses Thereof

<130> LUD 5826 US

<140> 10556853

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<150> PCT/US04/16849

<151> 2004-05-27

<150> 60/474,893

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<160> 1

<170> PatentIn version 3.2

<210> 1

<211> 180

<212> PRT

<213> Homo sapiens

<400> 1

Met	Gln	Ala	Glu	Gly	Arg	Gly	Thr	Gly	Gly	Ser	Thr	Gly	Asp	Ala	5	10	15
Asp	Gly	Pro	Gly	Gly	Pro	Gly	Ile	Pro	Asp	Gly	Pro	Gly	Gly	Asn	20	25	30
Ala	Gly	Gly	Pro	Gly	Glu	Ala	Gly	Ala	Thr	Gly	Gly	Arg	Ala	Pro	35	40	45
Arg	Gly	Ala	Gly	Ala	Ala	Arg	Ala	Ser	Gly	Pro	Gly	Gly	Gly	Ala	50	55	60
Pro	Arg	Gly	Pro	His	Gly	Gly	Ala	Ala	Ser	Gly	Leu	Asn	Gly	Cys	65	70	75
Cys	Arg	Cys	Gly	Ala	Arg	Gly	Pro	Glu	Ser	Arg	Leu	Leu	Glu	Phe	80	85	90
Tyr	Leu	Ala	Met	Pro	Phe	Ala	Thr	Pro	Met	Glu	Ala	Glu	Leu	Ala	95	100	105
Arg	Arg	Ser	Leu	Ala	Gln	Asp	Ala	Pro	Pro	Leu	Pro	Val	Pro	Gly	110	115	120
Val	Leu	Leu	Lys	Glu	Phe	Thr	Val	Ser	Gly	Asn	Ile	Leu	Thr	Ile			

125

130

135

Arg Leu Thr Ala Ala Asp His Arg Gln Leu Gln Leu Ser Ile Ser  
140 145 150

Ser Cys Leu Gln Gln Leu Ser Leu Leu Met Trp Ile Thr Gln Cys  
155 160 165

Phe Leu Pro Val Phe Leu Ala Gln Pro Pro Ser Gly Gln Arg Arg  
170 175 180